**GRADE 11 UNIVERSITY BIOLOGY - FINAL EXAM REVIEW**

**June 17, 2016 - 1:00 - 3:00 pm**

The final exam will be worth **25%** of your final mark. There are **114 marks** on the final exam.

This is the breakdown of the exam by unit and type of question:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Multiple Choice (45 marks)** | **True/False (15 marks)** | **Matching (16 marks)** | **Diagrams (16 marks)** | **Short Answers (22 marks)** | **TOTAL**  **Marks** |
| **Diversity** | 12 | 3 | 6 |  | 4 | 25 |
| **Genetics** | 11 | 5 |  |  | 8 | 24 |
| **Evolution** | 6 | 2 | 7 |  | 6 | 21 |
| **Plants** | 4 | 2 | 3 | 6 | 4 | 19 |
| **Animals** | 12 | 3 |  | 10 |  | 25 |

**Definitions of terms** will be in matching or multiple choice questions, not in short answer questions.

Please bring a pen, pencil (for the Scantron sheet) and eraser. You do not need a calculator.

\*\*Please remember to bring your textbook to the final exam.\*\*

Use the **Unit in Review sheets** as your guideline for what topics to study. There will be **no** specific questions on Lab Actitivies or Assignments. Use your quizzes & test to help you review the types of questions that you might be asked. Your textbook Self-Quiz and Chapter Review sections are also useful for extra practice. Good luck!!

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| --- | --- | --- | --- | --- | --- | --- |
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**SBI3U PRACTICAL EXAM - in class on Thursday, June 16th, 2016**

This practical exam will be worth **5%** of your final mark.

There will be 25 stations, and you will have 1 minute to answer the question(s) at each station. The questions will cover the following material only:

**Diversity: Animals:**

-classification into kingdoms (know the distinguishing -anatomy of (be able to identify structures & know their

characteristics of each kingdom & be able to identify if functions):

an organism belongs to a particular kingdom) -the heart

-be able to use a dichotomous key to identify species -the digestive system

(in both the human body & the fetal pig)

**Evolution:** -body measurements activity:

be able to identify: -know how to measure blood pressure, lung

-reproductive isolating mechanisms volumes, heart rate (pulse), and listen to heart

-patterns of evolution sounds

-evidence for evolution -know how to interpret lung volume information

-patterns of selection

-patterns of speciation **Plants:**

-the difference between monocots & dicots

**Genetics** -parts of a flower (be able to identify structures & know

-spermatogenesis & oogenesis their functions)

-patterns of inheritance -leaf cross-section (be able to identify structures & know

be able to interpret information in: their functions)

-Punnett squares, pedigree charts